

1775 U.S. PTO  
09/15/03  
03916 U.S. PTO  
10/664983  
09/15/03

To: Ted Kim  
From: Pierre Bourgon  
Subject: refilling

First, I would like to apologize for comments in previous letters. If it's any consolation, this failure to realize the truth has caused me great grief and frustration. Ultimately a new test vehicle revealed the truth; the temperature gauge went the wrong way in my 1993 Ford Crown Victoria.

This new patent application the INTERNAL COMBUSTION ENGINE CATALYTIC CONVERTER replaces the INTERNAL COMBUSTION ENGINE CATALYTIC CONVERTER, US Application No. 09/643,654 August 21, 2000 because information published by the National Fuel Saver Company about the GASAVER, which was the basis for this design is incorrect. In fact, about 95% of the A/F Mixture does burn in a normal engine.

In this revision the Hagino reference will be dropped as all emissions related devices have been dropped. Although the INTERNAL COMBUSTION ENGINE CATALYTIC CONVERTER will do the emissions job, this is not the purpose of this device. The objective of this device is to ensure that as much of the energy in the fuel is converted into mechanical work fuel's energy as possible<sup>1</sup>. For example, Ford could with this device put the 3L OHV engine in a Crown Victoria and still maintain the same level of performance without forced induction. The engine would produce about 300ft/lb+/-10% of torque at about 2000rpm and about 220hp+/-10% at 5000rpm. Highway fuel consumption should be about 6L/100km or 39mpg. (US gallons)

Sincerely,

Pierre Bourgon

Pierre Bourgon

<sup>1</sup> See gasoline FAQs 1 to 4, section 10.2 @[http://www.repairfaq.org/filpg/AUTO/F\\_Gasoline.html](http://www.repairfaq.org/filpg/AUTO/F_Gasoline.html)

Check Enclosed

Docket Number: Not assigned

Pierre Bourgon  
915 First Street East  
Cornwall, Ontario  
K6H-1N3  
(613)-932-2821

Application Number: Formerly, 09/643,654

Filing Date: Friday, August 29, 2003

I believe I am the original, first and sole inventor of the INTERNAL COMBUSTION ENGINE CATALYTIC CONVERTER for which a patent is sought. This application was filed on Friday, August 29, 2003 as a US Patent Application.

Sincerely,

A handwritten signature in black ink that reads "Pierre Bourgon". The signature is fluid and cursive, with "Pierre" on the top line and "Bourgon" on the bottom line.

Pierre Bourgon

[54]      TITLE: INTERNAL COMBUSTION ENGINE  
              CATALYTIC CONVERTER

[76]      Inventor:    PIERRE BOURGON  
                  Canadian Citizen  
                  915 First Street East  
                  Cornwall, Ontario  
                  K6H 1N3  
                  CANADA  
                  (613) 932-2821

[21]      US Application No.  
[22]      Date: Friday, August 29, 2003